

Contents

(Abstracted/indexed in: *Chemical Abstracts; Current Contents: Physical, Chemical and Earth Sciences; INSPEC; PASCAL/CNRS*)

In situ investigation of the adsorption of styrene phosphonic acid on cassiterite by FTIR-ATR spectroscopy	1
K.J. Kuys and N.K. Roberts (Tasmania, Australia)	
Ostwald ripening in two-component disperse phase systems: Application to emulsion stability	19
A.S. Kabel'nov, A.V. Pertzov and E.D. Shchuckin (Moscow, U.S.S.R.)	
Adsorption thermodynamics of carbofuran on Sn(IV) arsenosilicate in H^+ , Na^+ and Ca^{2+} forms	33
A.A. Khan and R.P. Singh (Aligarh, India)	
Newton black films stabilized with insoluble monolayers obtained by adsorption from the gas phase	43
D. Exerowa, R. Cohen and A. Nikolova (Sofia, Bulgaria)	
An indirect measurement of negative adsorption	51
M.C.H. Mouat (Palmerston North, New Zealand)	
Anionic surfactants-water systems: Specific refractive index, specific volume and viscosity	59
M. Galán Vallejo and M.A. López Torres (Puerto Real, Spain)	
Structural and dynamic features of concentrated non-aqueous dispersions	69
I. Marković and R.H. Ottewill (Bristol, United Kingdom)	
The effect of additives on release from w/o/w emulsions	83
N. Garti, A. Romano-Pariente and A. Aserin (Jerusalem, Israel)	
Interfacial behaviour of binary polymer mixtures. II. Competitive polymer adsorption and its effect on the stability of colloidal dispersions	101
F. Csempesz, S. Rohrsetzer and P. Kovács (Budapest, Hungary)	
Revisiting the rotational isomerism of Aerosol OT from the selective heteronuclear nuclear Overhauser effect	119
A. Maitra, Dinesh and M. Varshney (Delhi, India)	
Sessile-drop contact angle measurements using axisymmetric drop shape analysis	127
J.K. Spelt, Y. Rotenberg, D.R. Absalom and A.W. Neumann (Toronto, Canada)	
Adsorption kinetics at the oil/water interface	139
J. Van Hunsel and P. Joos (Wilrijk, Belgium)	
Polyethyleneglycol adsorption at the TiO_2 - H_2O interface: distortion of ionic structure and shear plane position	159
A. MPandou and B. Siffert (Mulhouse, France)	
Rheological studies of asphaltene films adsorbed at the oil/water interface	173
D.D. Eley, M.J. Hey and M.A. Lee (Nottingham, United Kingdom)	
Particle concentration effects on shear coagulation in the presence of repulsive interparticle forces	183
R.L. Zollars and S.I. Ali (Pullman, WA, U.S.A.)	
Polystyrene latex particle surface characteristics	195
W.M. Brouwer and R.L.J. Zsom (Arnhem, The Netherlands)	
Stability of thin liquid films on Langmuir-Blodgett layers on silica surfaces	209
H.J. Schulze and J.O. Birzer (Freiberg, G.D.R.)	
The formation of gel-emulsions in a water/nonionic surfactant/oil system	225
H. Kunieda (Yokohama, Japan), C. Solans (Barcelona, Spain), N. Shida (Yokohama, Japan) and J.L. Parra (Barcelona, Spain)	

Coupling between interfacial protein adsorption and bulk diffusion. A numerical study P. SchAAF and Ph. DeJARDIN (Strasbourg, France)	239
Exchange and competitive adsorption of polyelectrolytes on barium sulphate J.A. Wright, R. Harrop, P.A. Williams (Deeside, United Kingdom), G. Pass (Salford, United Kingdom) and I.D. Robb (Port Sunlight, United Kingdom)	249
The effects of cell windows on the optical reflectance of diffusely-scattering materials R.J. Birkett, A. Clark (Sharnbrook, United Kingdom) and G.H. Meeten (London, United Kingdom)	259
<i>Special issue: Nonaqueous Colloids. A Collection of Papers Presented at the 5th International Conference on Surface and Colloid Science and the 59th Colloid and Surface Science Symposium, Potsdam, NY, U.S.A., June 1985.</i>	
Preface	267
The stability of non-aqueous dispersions of weakly interacting particles B. Vincent (Bristol, United Kingdom)	269
Colloidal stabilization of clays by asphaltenes in hydrocarbon media B.J. Marlow (Naperville, IL, U.S.A.), G.C. Sresty (Chicago, IL, U.S.A.), R.D. Hughes and O.P. Mahajan (Naperville, IL, U.S.A.)	283
Steric stability of alkoxy-precipitated TiO_2 in alcohol solutions T.E. Mates and T.A. Ring (Cambridge, MA, U.S.A.)	299
Sedimentation behaviour of low surface energy powders in different non-polar liquid systems E.I. Vargha-Butler, E. Moy and A.W. Neumann (Toronto, Canada)	315
Critical phenomena in nonaqueous microemulsions S.E. Friberg and Y.-C. Liang (Rolla, MO, U.S.A.)	325
Conformation of the polar part in the AOT inverted micelles. Gadolinium ion-induced spin-lattice relaxation studies H. Okabayashi, K. Taga, K. Tsukamoto (Nagoya, Japan), K. Matsushita, O. Kama (Tokyo, Japan) and K. Yoshikawa (Tokushima, Japan)	337
Micelle formation of diacylglycerophosphocholine in organic solvents. II. Measurements of microenvironmental characteristics by fluorescence quenching Y. Maeda and M. Hayashi (Chiba, Japan)	353
Applications of nonaqueous colloids V. Novotny (San Jose, CA, U.S.A.)	361
<i>End of special issue papers</i>	
Author Index	377
Subject Index	378
Contents (Volume 24)	381

